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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/683,149	11/27/2001	Marc Schaepkens	RD28667	5978	
6147	7590 11/24/2004		EXAMINER		
GENERAL ELECTRIC COMPANY GLOBAL RESEARCH			HASSANZADEH, PARVIZ		
PATENT DO	CKET RM. BLDG. K1-4A	A59	ART UNIT	PAPER NUMBER	
NISKAYUN	A, NY 12309		1763		
		·	DATE MAILED: 11/24/2004		

DITTE WITHELD: 11/24/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

5.0.

SUPPLEMENTAL Notice of Allowability

Application No.	Applicant(s)		
09/683,149	SCHAEPKENS, MARC		
Examiner	Art Unit		
Parviz Hassanzadeh	1763		

	Parviz Hassanzadeh	1763	
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this appropriate communication	olication. If not include	ed
1. This communication is responsive to 5/19/04.	2. 1000,	•	
2. The allowed claim(s) is/are 1,2,5-9,18-23,27-31 and 45-50.			
3. The drawings filed on are accepted by the Examiner	r.		
4. ☐ Acknowledgment is made of a claim for foreign priority un a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have	been received.		
2. Certified copies of the priority documents have	been received in Application No	·	
 Copies of the certified copies of the priority doc International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	uments have been received in this n	ational stage applicat	ion from the
Applicant has THREE MONTHS FROM THE "MAILING DATE" of noted below. Failure to timely comply will result in ABANDONME THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	of this communication to file a reply c ENT of this application.	omplying with the req	uirements
5. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which gives	tted. Note the attached EXAMINER'S s reason(s) why the oath or declarati	S AMENDMENT or NO on is deficient.	OTICE OF
6. CORRECTED DRAWINGS (as "replacement sheets") must	be submitted.		
(a) ☐ including changes required by the Notice of Draftsperso	on's Patent Drawing Review (PTO-9	48) attached	
1) ☐ hereto or 2) ☐ to Paper No./Mail Date			1
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date			
Identifying indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the	e neader according to 37 CFR 1.121(d)	l .	
 DEPOSIT OF and/or INFORMATION about the deposi attached Examiner's comment regarding REQUIREMENT Formula 	it of BIOLOGICAL MATERIAL	makibaran da da da man	ote the
Attach was a title of the same			
Attachment(s) 1. Notice of References Cited (PTO-892)	5 Notice of lef-		
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	5. ☐ Notice of Informal Pat 6. ☐ Interview Summary (F	PTO-413).	152)
3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/08) Paper No./Mail Date 11/12/03		ent/Comment	
Examiner's Comment Regarding Requirement for Deposit of Biological Material	 8.	of Reasons for Allow	ance

Application/Control Number: 09/683,149

Art Unit: 1763

DETAILED ACTION

Information Disclosure Statement

Applicant's information disclosure statement of 11/12/03 was filed after the issue fee was paid (8/11/03). Information disclosure statements filed after payment of the issue fee will not be considered, but will be placed in the file. However, the application may be withdrawn from issue in order to file a request for continued examination (RCE) under 37 CFR 1.114 upon the grant of a petition under 37 CFR 1.313(c)(2), or a continuing application under 37 CFR 1.53(b) (or a continued prosecution application (CPA) under 37 CFR 1.53(d) if the CPA is for a design patent and the prior application of the CPA is a design application) upon the grant of a petition filed under the provisions of 37 CFR 1.313(c)(3). Alternatively, the other provisions of 37 CFR 1.313 may apply, e.g., a petition to withdraw the application from issue under the provisions of 37 CFR 1.313(c)(1) may be filed together with an unequivocal statement by the applicant that one or more claims are unpatentable over the information contained in the statement. The information disclosure statement would then be considered upon withdrawal of the application from issue under 37 CFR 1.313(c)(1).

Allowable Subject Matter

Claims 1, 2, 5-9, 18-23, 27-31, 45-50 are allowed.

The following is an examiner's statement of reasons for allowance:

a deposition apparatus comprising a chamber having a movable substrate and a linear array of a plurality of individual plasma sources, each having a cathode, an anode and a gas inlet, and a common reactant gas injector comprising a tubular-walled structure having two linear portions parallel to each other and two end portions connecting the linear portions, wherein the

gas injector is disposed between the anodes of the plasma sources and the substrate and is circumferentially disposed with respect to the plasma sources.

Neither of the prior art of the record teaches or suggests a common reactant gas injector comprising two linear and parallel portions and two end portions being circumferentially disposed around a linear array of a plurality of individual expanding thermal plasma (ETP) sources.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Parviz Hassanzadeh whose telephone number is (571)272-1435. The examiner can normally be reached on Tuesday-Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gregory Mills can be reached on (571)272-1439. The fax phone number for the organization where this application or proceeding. is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

> P. HussomodeL Parviz Hassanzadeh **Primary Examiner** Art Unit 1763